

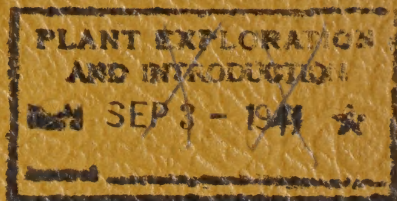
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F. I. CARTER & SONS

Route 38

Tewksbury, Mass.

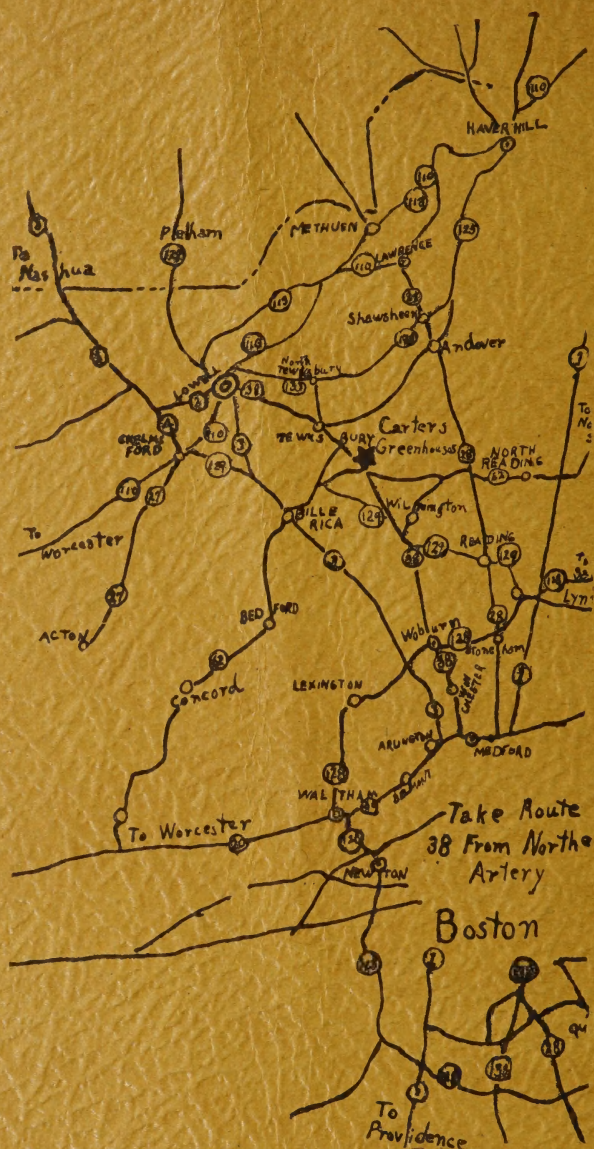


RETAIL CATALOG

Number Two



Cacti
and
Other Succulents



IF YOU ARE interested in CACTI be sure to include in your motor trips this year a TRIP TO CARTERS. Here you may browse around through three large greenhouses and see for yourselves how our thousands of plants are grown. A trip most educational, instructive, and interesting. Here you will see many additional varieties which for one reason or other we have not listed in this catalog.

YOU WILL BE UNDER NO OBLIGATION TO BUY.

GARDEN CLUBS AND OTHER GROUPS are especially invited. We have unlimited parking facilities. Stay an hour or a day. Come to TEWKSBURY and bring your friends. Always open from daylight to dark.

F. I. CARTER & SONS

TEWKSBURY, MASS.

Our Plants are GROWING Plants

PREFACE

Growing in all parts of the world especially the warmer sections, are plants of a peculiar and varied appearance. They are known under the name of Cacti and other Succulents. These plants present an extremely fascinating array of shapes, sizes, colors, and methods of growth. In their native habitats they exist under adverse conditions for at least a part of the year. Although they can stand many extremes especially in regards to aridity they respond to care and attention. Their history, struggle for life, and adaptation to the most adverse conditions as well as their weird forms and habits and beautiful coloring in plants, spines, and flowers make them worthy of more than a passing glance.

What can be more intriguing than to have a collection of these wonder plants. In a single collection one can have Echeverias from our great Southwest and Mexico; Rebutias and other cacti from the Andes Mountains; Sedums from China, Switzerland and the mountains of Asia and the United States. From Africa the Euphorbias, Aloes, Crassulas, Stapelias, Gasterias, etc., and a wealth of cacti native of our great Southwest and Mexico.

From the slopes of the Andes to the vast expanse of Brazil. From the Jungles of Venezuela up through Central America; Mexico and to our own great West have hundreds of varieties been found.

From the miniature mimicry plants hidden in the rocks in the wilds of Africa to the giant cacti forests of Mexico there is an unending variety. Flowers rich in color and beautiful in design rivaling the orchids in their beauty. In fascinating red and yellows of the Aloes, etc., the vivid pinks and reds of the Echeverias and the many colors in the exquisite cacti flowers.

Truly no end of surprises await the lucky person who chooses this LIVING hobby. Cacti and other succulents have received much attention in recent years. We have been exhibiting them in the Boston Spring Flower Show each year since 1932. The enthusiasm with which our exhibits have been received has encouraged us to continue our work with them until we have the largest quantity and variety of cacti and other succulents in New England.

This is not a new hobby. Collections have been going on in Europe over 100 years. Neither is it a temporary or passing hobby. Something about these plants attract people and once a person begins to see the multitude of fascinating and often fantastic varieties, well there just isn't any hope for him, he just becomes a cactus fan.

We are not attempting to write a book in this preface. Others have done a finer job than it would be possible for us to do even if we had the space. We refer especially to the two books, "Cacti for the Amateur," and "Succulents for the Amateur," both described in detail further on in this catalog.

Some things we would like to emphasize are, our plants are growing plants. They are acclimated plants. They have plenty of live roots so that they can keep right on growing. We grow most of our cacti from seed, a few kinds from cuttings. This means that our plants are not scarred up, they have all their roots and they are good to look at.

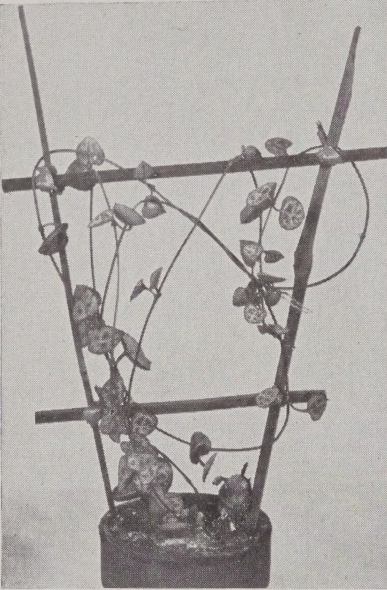
In writing up the list of plants that follow we have endeavored first of all to list only those varieties which we have a reasonable stock of. This means that we have at our greenhouses many more varieties in smaller amounts. We have made the descriptions plainer by the use of half-tone pictures of many of the species. We have made our prices as low as consistent with the high quality of our plants. As with anything else, supply and demand makes our prices. Just because a plant is listed for 15c does not mean that it is not a good plant. Some plants are much easier to start than others thereby costing much less to produce. It is very hard to state just what sizes the various plants will be. Generally the pot size of these plants will be 2 inch to 2½ inch.

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Route 38
Tewksbury, Massachusetts

Oscularia deltoidea

A very interesting little plant that is easily grown. It is of a pleasing green gray color. The leaves are somewhat boat shaped with teeth on the keel. It has pretty pink flowers in the spring. 20c



The Rosary Vine of Natal

Ceropegia woodii

Native of Africa

A plant that really is different in many ways. The illustration shows it quite well. It is a miniature vine with thick leaves which are spotted with silver on top and chocolate colored underneath, growing from a potato like bulb. Sometimes called the umbrella plant from the shape of the flower which resembles a closed umbrella. It may be trained on a small trellis or used as a hanging plant. This is truly a very desirable plant for any collection. Nice plants 25c

Coral Echeveria

Echeveria carnicolor

Native of Mexico

This is a newer Echeveria that is much prized for its brilliant coral red flowers. It flowers freely even in small plants from Christmas to mid-winter. The texture of the leaves is different from any other Echeveria that we ever had. It is an Echeveria that should be included in every collection. 15c



Japanese Rubber Plant

Jade Plant

Crassula agentea (portulacea)

Probably the best known succulent plant. While this plant is sold by the thousands each year the demand keeps going strong. Specimen plants have been grown 8 to 12 feet tall. Large pot bound plants bloom regularly in our greenhouse each year the plants being a mass of white flowers. The shiny green leaves are always attractive. Nice small plants 15c

Larger plants 25c to \$5.00



Kalanchoe sommalensis

Native of Africa

A very unusual and pretty plant that has a square stem and odd shaped leaves which when kept in the sun becomes tinted in beautiful yellow and red. The flowers have a spicy fragrance. We consider this one of the best Kalanchoes.

Nice plants 25c



Copper Leaf Echeveria

Echeveria multicaulis

A taller branching type with dark green coppery shaded leaves. Flowers very freely. A rather attractive specie of Echeveria. 25c

Echeveria setosa

Native of Mexico

Sometimes called the Fire cracker plant on account of its vivid flowers. Low stemless rosetts of hairy leaves, vivid flowers of red and yellow. This is easily one of the most popular Echeverias. A real gem in any collection.

Nice plants 25c

Larger plants 35 to 50c



Crinkle Leaves

Aronomischus cristatus

Native of Africa

This is a long name for a very interesting plant. The leaves are thick with a crinkled edge, forming a beautiful dark green rosette. As the plant grows older it has many reddish-brown aerial roots along the stem of the plant. This plant is valuable for any collection.

Nice plants well started 25c



Snake Cactus

Harrisia martinii

Native of Argentina

Stems upright tall growing becoming prostrate or sprawling as plant gets larger. Flowers are white, blooming at night. Can be trained on a trellis or trailed along the ground. 15c

Evergreen Crassula

Crassula lycopodiodes

Native of Africa

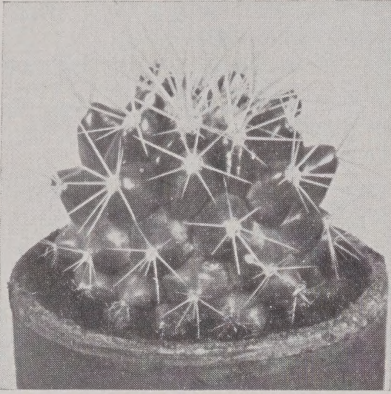
One of the more popular type of crassulas. It gets its name from one of the club mosses, *Lycopodium* species. The flowers are so small that they are hardly ever noticed. The bright green color and upright growth, of this specie keeps it in strong demand.

Nice plants 15c

Echinocereus stramineus

Native of Mexico, New Mexico and Texas

Stem erect and stiff pale green. Ribs slightly warty or notched with deep narrow furrows between them thickly covered at the top with long straw colored spines, changing to white. Branches freely from the base. 35c



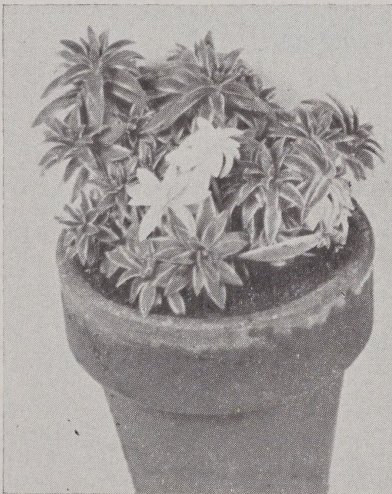
Golden Ball

Golden Barrel

Echinocactus Grusoni

Native of Mexico

The ribs in very young plants are divided into conical warts but later they are straight and continuous. Because of this oddity the young plants do not resemble the older plants. The plants are globular in shape and golden in color. 35c



Variegated Sedum

Sedum carneum variegatum

A very pretty variegated type from Japan. Fine for dish gardens as its pretty variegated leaves form a mat that blends with most all conditions. This is one of the most popular sedums we have ever handled. It is a plant that every one likes.

Good plants 15c

Echeveria gilva (simulans)

Native of Mexico

A light green Echeveria which forms heavy neat rosettes. When grown in the full sun, leaf tips become prettily tinted with pink. Flowers very freely with typical Echeveria flowers.

Nice plants 25c

Larger plants 50c



Crassula pseudolycopodiodes

Very similar to Crassula lycopodiodes except that the branches are more slender. It is enough different so that it may be well added to your collection. 15c

Flowering Crassula

Crassula multicava (quadrifida)

Native of Africa

This is a free flowering succulent. Another oddity that this plant possesses is that when the flowers disappear small fully developed plants appear in great numbers in place of the flowers. The flowers are a dainty light pink. This succulent is one that should be in every window garden.

Nice well started plants 20c

Opuntia cylindrica

Native of Ecuador and Peru

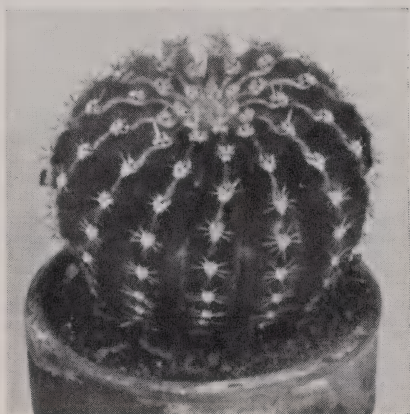
Branches or joints with continuous cylindrical growth. Spines whitish and not very sharp. 25c



Chandelier Plant

Bryophyllum tubiflorum

This plant at different times forms plantlets on the ends of its leaves which later detach themselves and root into whatever soil they can find. Blooms on the top of stiff stems in large clusters of pendulous coral red flowers. The leaves are round and spotted in a very odd manner. This plant is very distinctive in many ways. Nice plants 15c



Easter Lily Cactus

Echinopsis Hybrid

The Echinopsis family is a native of South America. Because of their free flowering habits they hybridize freely. Therefore in growing these plants from seed a great variety of types can be obtained. These varieties are too numerous to name and so they are sold under the name of Echinopsis hybrid. They are all fast growing and many of them flower from 2 years on. Our stock of these is exceptionally nice.

Small plants 35c

Larger Plants up to \$1.00

Pachyveria scheideckeri

Pachyverias are hybrids of Echeverias crossed with pachyphytums. The variety scheideckeri is very pretty, forming small rosettes with whitish green leaves.

Nice plants 25c

We also have an interesting crested form of the above, the leaves being quite miniature and very compact.

Small plants 25c



Trichocereus spachianus

Native of Western Argentina

A beautiful and popular species, one that is used quite a bit for grafting. It has a very clean vigorous appearance that looks well in any collection. 35c

Pearl Echeveria

Echeveria elegans

Native of Mexico

Easily one of the most beautiful of all Echeverias. Drops of water lodging between the leaves of this variety stay so perfectly round that they resemble pearls. The leaves are extremely compact very glaucous, pale blue green. It flowers quite freely. 25c

Miniature Thimble

Mammillaria fragilis mimina

Native of Mexico

A tiny variety of the Mammillaria fragilis being just the same except it is much tinier. 25c

Crassula Lactea

The Flowering Crassula

Native of Africa

This plant greatly resembles the Japanese Rubber plant except instead of being an upright grower it grows prostrate or trailing. It is a very robust grower, making a very attractive plant. It flowers quite freely in large clusters of typical crassula white flowers. 15c

**Old Man Cactus***Cephalocereus senilis*

Native of Mexico

If we were asked to pick out the most popular cactus we would unhesitatingly pick out the Old Man. Never was a common name more appropriately given to a plant. From the seedling stage to giant specimens this plant is covered with fine long white hair. In Mexico this cactus grows 20 to 35 feet tall and it is estimated that they must be at least 200 years old. Unless one sees this plant it is hard to realize that such a plant really grows. We offer nice 2 inch plants @ 40c

Larger plants 50c to 75c.

Hen and Chickens*Sempervivium tectorum*

Native of Europe and the Orient

The name "Sempervivium" means 'live forever' and is a fine name for this type of plant. It is hardy out doors even here in New England and makes a perfect Rock Garden plant. 15c

Golden Spines*Cephalocereus chrysacanthus*

Native of Mexico

A lovely species of fairly quick growth. It is a column type branching from the base. The plant itself is a light shining green, covered with fine golden spines. Supply of this cactus is limited.

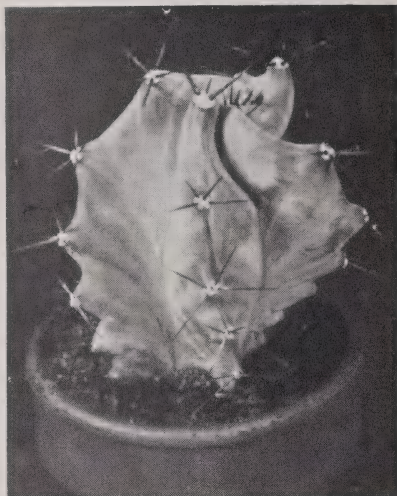
Nice plants 50c

Cereus tetragonus (forbesi)

Native of Western Brazil

A tall growing torch cactus, blue green in color. The spines are showy mostly brown although sometimes black. Generally the plants are four sided although often they have five ribs. This is a distinctive variety type.

Nice plants 35c

**Lemaireocereus pruinus**

Native of Central Mexico

A columnar species with few off shoots. The color and shape of this cactus is very striking. It is blue green and has the appearance of being very rugged. This is one of our favorites and deserves a place in any cactus collection.

Nice plants 35c

Larger plants 50c

Many Fingers*Sedum pachyphyllum*

Native of Mexico

Round club shaped leaves with red tips and yellow flowers. This plant has been very popular with us. 15c

Living Stone

Pleiospilos bolus

Native of Africa

Called "Living Stone" from its resemblance to small pieces of weathered granite rock. When growing in their native habitat among rocks of a similar character they blend so that they are nearly invisible. Very choice. 35c



Pussy Ears

Kalanchoe tomentosa

A most handsome plant with thick narrow gray leaves with striking brown markings on the edges of the leaves. The leaves are covered with a soft plush hence the name "Pussy Ears." This plant makes a beautiful specimen.

Nice plants 25c

Tom Thumb Cactus

Parodia aureispina

This small globular cactus is covered with golden spines on spiral ribs. The central spines are long and hooked. Flowers are borne at the top and are golden yellow. This rare species comes from the province of Salta, Argentina. It is truly a gem and one to be proud of.

Stock limited 35c



Pickle Plant

Mesembryanthemum barbatus

Native of South Africa

This pretty shrub-like plant gets its common name from its pairs of bright green spined pickle shaped leaves. This plant likes full sunshine, and has pale yellow flowers. 25c



Miniature Trailing Crassula

Crassula spathulata

Native of Africa

A small trailing plant that grows very readily in the sunny window. The leaves are a bright green, flowers very freely. This is really a very desirable plant.

Nice plants 15c

Elephant Wood

Portulacaria afra

Native of South Africa

Grows to a small tree in its native South Africa. Its small glossy leaves on red stems are very attractive. It will grow in either sun or partial shade.

Small plants 15c



Organ Pipe Cactus

Lemaireocereus marginatus

Native of Mexico

It is often planted to form hedges in Mexico. A fast growing specie requiring full sun and warmth. The spines are very short but the areoles where the spines originate are very pronounced and close together making a margin-like effect whereby the plant received its name. We recommend this variety.

Nice plants 35c

Larger plants 50c to \$1.00

Joseph's Coat

Opuntia monacantha variegata

Native of South Brazil, Uruguay, Paraguay and Argentina.

Almost tree-like with a thick stem, areoles far apart with one brown spine. A very pretty plant beautifully marbled with white and yellow. 35c



Bow Tie Plant

Gasteria Hybrids

Native of South Africa

A very distinct succulent especially prized for their fleshy tongue shaped leaves. The leaves are generally spotted with white. There are many named varieties but at present we are listing no particular one. Gasterias do not have to have full sunlight. The flowers are tuberler, light green and pink delightfully blended, and are borne on long stems.

Strong plants 25c



Crassula cooperi

A small, dense and mat forming little plant. Green leaves with darker markings. When kept dry and in the full sun the foliage becomes reddish-brown. In the fall of the year the plant becomes a mass of miniature white flowers. 15c

Ferocactus echidne

Native of Mexico

This plant is globular, pale green to grayish green, slightly wavy ribs. Radial spines at first amber yellow which later become grayish, slightly curved. A very showy cactus with yellow flowers. 35c

Pachyveria hybrid orpetti

A very pretty rosette of blue gray tinted with pink. A strong grower and very compact. A worthwhile variety 25c



Echinocereus merkeri

Native of Mexico

Stems semi-prostrate and very fleshy. Broad rounded ribs with prominent warts. Areoles and spines white with center spine light brown. Suckers freely from the base. Easy to grow. Water freely in the summer, rather dry in the winter. A peculiarity of this variety is that the shoots and buds are formed deeply within the stem and grow out by breaking through the epidermis, but the flower buds develop on the areoles as usual. Flowers long purplish red with long blunt petals.

Medium plants 25c

Larger plants 35c to 50c

Bead Plant

Sedum stahlia

Tiny, fat, round leaves which turn a reddish brown in full sun. The flowers are yellow. A very interesting plant. 15c



Creeping Berries

Kleinia radicans

This is a low creeping plant being exceptionally well suited for hanging pots. It flowers very freely, the flowers staying on the plants for a long time. This is a plant of decided merit. 20c



Love Plant or Copper Leaves

Anacampseros telephiastrum

Native of Africa

An unusual succulent that we have found quite interesting. The leaves turn real coppery in color if they are exposed to strong sunlight. Fine white hairs grow from the axils of the leaves. They flower freely in the summer, the flowers being about $\frac{3}{4}$ of an inch in diameter.

Medium plants 15c



Kalanchoe Blossfeldiana

A fine winter blooming plant. A full grown plant has hundreds of small red flowers in mid winter when other flowers are at a premium. Stays in bloom a long time. While this plant is quite new it is very popular. 35c



Devils Tongue

Ferocactus latispinus

Native of Western and Central Mexico

A well known and very popular species. Plants are broadly globular, grayish green having notched ribs and very strong spines, the lower of the central spines being strongly hooked. A decidedly good looking cactus. 35c

Partridge Breast Aloe

Aloe variegata

Native of Africa

Probably this is the most popularly known Aloe. The older plants flower freely, the color of the bloom being Coral Red. The plants live for years growing from 12 to 15" tall under favorable conditions. The old plants sucker freely.

Medium plants 35c

Larger plants 50c



Little Pickles

Othonna crassifolia

Native of South Africa

Small fleshy light green leaves which grow in a mat close to the soil. Bears many tiny yellow daisy-like flowers on 3" stems. It gets its common name from the thick pickle shaped leaves. Very good for hanging dishes.

Nice plants 25c

Old Lady Cactus

Mammillaria hahaniana

Native of Mexico

A magnificent species of recent introduction, the white haired counter part of Cephalocereus senilis (Old Man Cactus). Stem globular flattened at the top, green, entirely covered with white spines and long white hairs or bristles. Grows freely and flowers abundantly in full sunshine. Flowers in ring, around the top, rather small and crimson.

Nice plants, stock limited 50c

Silver Torch

Cleistocactus Straussi

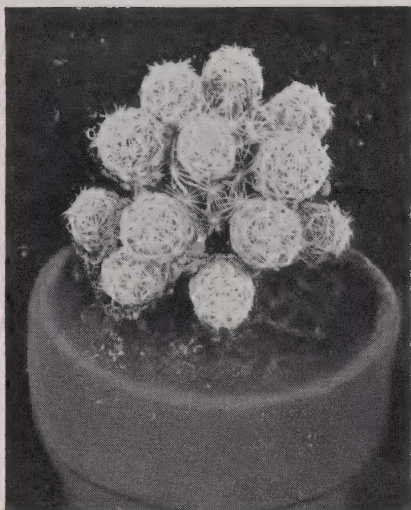
A most lovely species from Bolivia. Stem slender erect and completely covered with delicate white spines. A beautiful plant that is well described by its common name. 50c — 75c — \$1.00

Echinocereus De Laetii

Sometimes called the Lesser Old Man

Native of Mexico

A beautiful and popular species of easy cultivation. Stems pale green, sprouting freely from the base entirely covered with long white hairs. Thrives well in a very sunny location and should be abundantly watered in summer. Will soon send up suckers making a nice group in about three years. 35c



Thimble Cactus

Mammillaria (gracilis) fragilis

Native of Mexico

These miniature plants branch freely at the top. Off shoots grow to thimble size and then form off shoots of their own. The off shoots break off from the parent plant very easily but readily take root. They flower freely.

Nice plants 25c

Sedum mexicanum

Native of Mexico

A dark green low growing plant. It is quite fast growing. It flowers very freely in the spring, the color of the flowers being yellow. 15c



Powder Puff

Mammillaria bocasana

Native of Mexico

A beautiful free clustering plant. Plants globular, long slender tubercles with many long white silky hairs, central spines needle like at least one hooked at the tip. Blooms freely in spring. Flowers are reddish on outside, inner petals are a creamy white. We recommend this variety very highly.

Price 35c

Flowering size 50c



Fish Hook Cactus

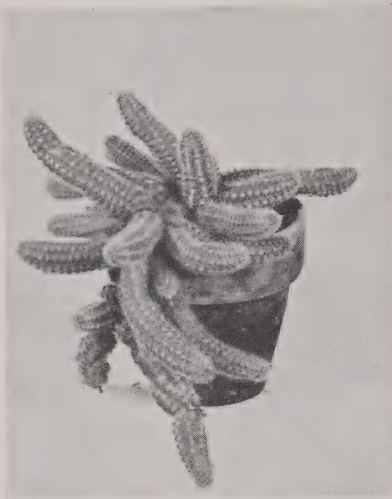
Mammillaria erythrosperma

Native of Mexico

This is a dark green cactus that clusters very freely making a large clump in quite a short time. Axils with hair-like bristles. Areols bare. Tubercles cylindrical, glossy dark green with very thin straight white spines with lower one hooked. Beautiful carmine red flowers in spring. Flowers freely.

Small size 35c

Flowering size 50c



Peanut Cactus

Chameocereus silvestrii

Native of Western Argentina

A miniature plant with many short stems, very much branched. They flower in May and June and the blossom is a beautiful scarlet color. Requires strong light and frequent watering throughout the growing season.

Nice plants 25c



Christmas Cheer

Sedum guatemalense

A very interesting sedum that has round dark green club shaped leaves that turn a bright red if allowed to stay in the bright sun. Quite an interesting plant.

15c

Hot Dog Cactus

Candle Plant

Kleinia articulata

Native of Africa

An odd looking plant which loses its leaves when kept dry. It gets its common name from its blunt thick stems. Light green with a blue tinge, the leaves are light green and are handsomely shaped. A section of this plant can be stripped of its roots and leaves and left in the sun for weeks and when replanted will start to grow again. This is a real oddity. 15c



Cereus poco

A variety that is similar in growth to cereus pasacana but has dense brown spines along each rib. The ribs are close together therefore this plant appears to be entirely covered with spines. The name "poco" may not be correct but we have been unable to find it under any other. It is a vigorous grower and really deserves a place in any nice collection.

Nice plants 35c

Larger plants 50c

Bryophyllum Aliciae

Native of Madagascar

It has soft hairy leaves and is a handsome plant when well grown and in flower. At different times we have had large specimen plants in bloom at our flower show exhibits that were truly outstanding. 20c

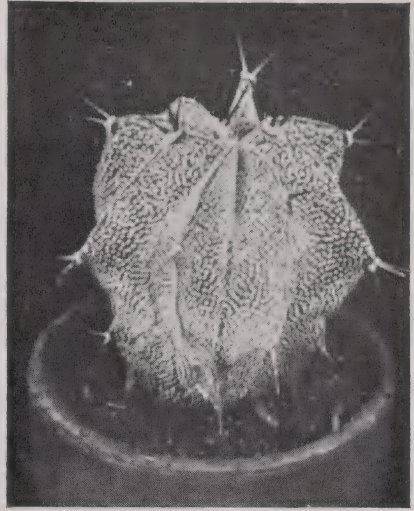
Bishop's Cap

Astrophytum myriostigma

These neat globular cacti are spineless. The entire plant is densely dotted with minute white star-like scales or hairs which give it a grayish white, stone-like appearance completely hiding the green color. It has yellow flowers during the summer and fall. A fine cacti which should be included in every collection.

Small plants 35c

Larger plants 50c



Ornamental Bishop's Cap

Astrophytum ornatum

This gem is from Central Mexico. Its globular body with deep ribs, which often are twisted like a screw, is studded with many white starry scales. Areoles woolly and brownish with a number of straight stiff spines radiating in all directions. Spines yellow, red or brownish. A very unusual cactus. 35c

Larger plants 50c to \$1.00



Peruvian Apple

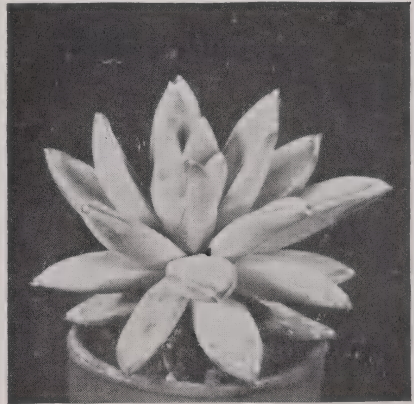
Cereus peruvianus hybrid

An interesting and fast growing columnar type often used as grafting stock. This variety has long been in cultivation. It branches freely has very prominent ribs which are closely set with clusters of stiff spines. Color varies from bluish green to dull green. It has a true cactus appearance.

Small plants 15c

Nice plants 30c

Larger plants 50c to \$1.00



"Thick" Plant

Pachyphytum compactum

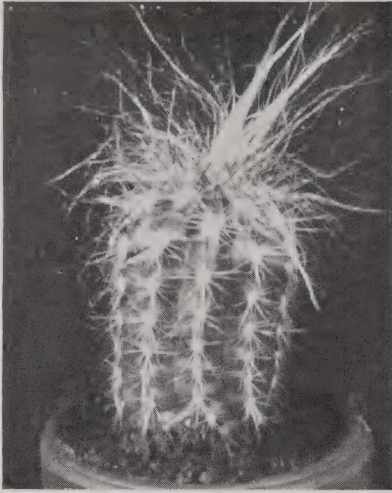
Native of Mexico

It is only recently that we came in contact with this plant, but already we prize it as one of our best. Its formation is very outstanding and it has beautiful flowers. 35c

Opuntia subulata

Native of Chile and Argentina

Strong growing plant and well branched. Stems cylindrical, dark green with darker lines below the areoles. Pale yellow spines partly hidden by long dark green leaves that drop off as the plant grows. A very unusual cactus 35c



Trailing Crassula

Crassula marginalis

Native of Africa

A fast growing pretty little crassula that makes a fine plant for the hanging dish or strawberry jar. It flowers very readily the flowers being star shaped and white.

15c

Stetsonia coryne

Native of Argentina

A very attractive robust looking specie that we prize very highly. The spine formation is very striking, with the new spines about one inch long, brownish to black at first turning white with age.

Very nice plants 40c

Old Man of the Mountains

Oreocereus celsianus

Native of South America

One of the many "Hair Type" cacti. Very beautiful. A fast and vigorous grower. A most desirable specie.

Nice plants 35c

Larger plants 50c



Tiger Jaws

Faucaria tigrina

Native of Africa

A most interesting and fascinating plant. Plants are formed by compact clusters of triangular leaves with hairy teeth resembling an animal's mouth. Plants a little over a year old will bear pretty yellow flowers on upright stems. A quality plant which should be in every window garden.

Well developed plants 35c



Crown of Thorns

Euphorbia splendens

Native of Madagascar

This plant is one of the few Euphorbias that have leaves. It is one of the most satisfactory of all house plants. When kept in a sunny window and moderately moist it will flower continuously over a long period of time. Specimens have been known to live over 100 years.

Nice plants 35c

Larger plants 50c

Lobivia jazoiana

Native of Argentina

This plant has many ribs deeply notched into sharp edged tubercles bearing large round or oval areoles. Spines are whitish except central spine which is red and slightly hooked. This is a free flowering variety, and also a very desirable one.

Good sized plants 50c



Coral Aloe

Aloe striata

Native of Africa

This Aloe is one that should have a place in every collection. The leaves are gray green, edged with pink. It may be kept small by not planting it in large pots, but if given a chance to grow it is one of the showiest of all the Aloes. When in flower it may reach 3 feet tall. The flower season is from February to May.

Small plants 25c

Corn-cob

Euphorbia mammillaris

This novelty from South Africa is one of the most interesting plants. Its resemblance to a green corn-cob is very striking hence its popular name. The old plants branch freely. 25c

Bryophyllum Fedtschenkoi

Native of Madagascar

A very free blooming Bryophyllum. The leaves are an interesting purple gray color, which is quite outstanding. The flowers are a showy coral red and last a long time. This is in our opinion one of the best Bryophyllums. 15c



Jewel Leaf Plant

Graptopetalum amethystinum

Native of Mexico

The leaves of this plant are delicately tinted in a soft amethyst shade. It is a fine plant to have in any collection. Flowers are beautiful, pastel red color.

Nice plants 35c

Mexican Giant

Pachycereus columnaria-trajania

This plant grows very slow and the age of the giant specimens in Puebla and Oaxaca, Mexico are thought to be between two and three hundred years old. They grow to a height of 100 feet. Their color is gray green with many low ribs. A very nice variety. Nice plants 35c

Golden Sedum

Sedum adolphi

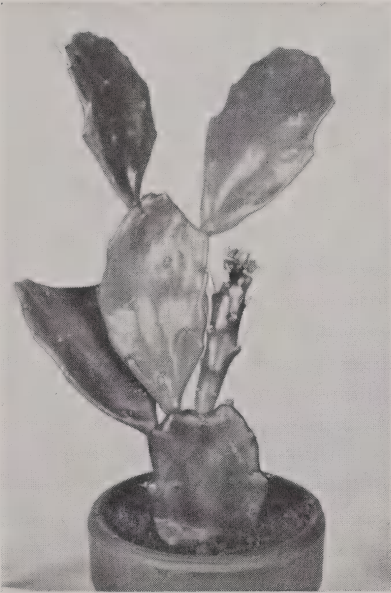
Native of Mexico

The thick golden yellow leaves of this plant are most attractive. It has white flowers, and blooms quite freely.

Nice small plants 15c

Echeveria puloliver

A very interesting hybrid developed in California. It has smaller plush leaves than the *Echeveria pulvinata* but is a faster, stronger grower. A beautiful plant especially when it is in bloom. 25c



Plush Plant

Echeveria pulvinata

Native of Mexico

One of the most outstanding of all Echeverias. Its thick dark green plush covered leaves at times become red on the upper surface. Rose bud flowers are borne on dark brown plush covered stems. Very choice. 35c

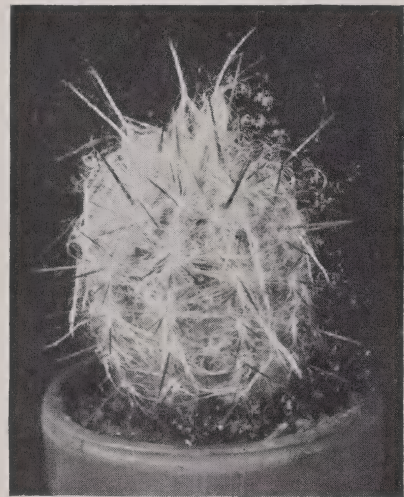
Opuntia brasiliensis

Native of Brazil, Argentina, Paraguay and Bolivia.

Round tree-like stems with thin flat pads of pale green. Flowers are yellow. We consider this a very fine cactus that is distinctly different from any other that we know of.

Nice plants 25c

Larger plants 35c to \$1.00



Baby Echeveria

Echeveria amoena

Native of Mexico

A very tiny echeveria that has flowers on stems about 4" long. The tiny close rosettes of pink leaves form a most delightful rosette.

Well started plants 15c

Old Man of the Andes

Oreocereus trolli

Native of South America

This beautiful cacti comes from the eastern slopes of the Andes. Grows to 40 inches in height. It is covered with a dense coat of white hair. A very popular variety.

Nice plants 50c

Crassula Schmidtii

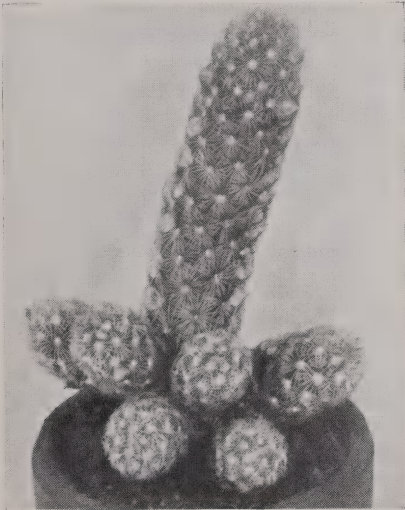
A cluster forming plant with long narrow leaves which become quite reddish in the sun. Small red flowers in the late summer. This plant is one of the most popular of all the low growing crassulas. The flowers are brilliant and last a long time.

Nice plants 15c

Bryophyllum daigremontianum

Native of Madagascar

This plant bears plantlets on the lobes of the leaves which soon drop down and take root if any soil at all is available. A fine plant with odd shaped leaves with chocolate colored markings. These plants while inexpensive are most interesting on account of their coloring, shape and methods of reproducing. 15c



Lace Cactus

Mammillaria elongata

Native of Western Mexico

Abundantly clustering and branching. Stem cylindrical some erect, and some more or less prostrate. Areoles round with 15-20 spines radiating out-wards star-like, recurved, pale yellow. Flowers from the side axils. Petals white or yellowish with darker central band. A pretty and popular species and very easy to grow. Flowers freely.

Flowering size 50c



Trichocereus pasacana

Native of Northwestern Argentina and Bolivia

A giant specie. Light dull green, with many stiff ribs. Rusty brown areoles furnished with numerous thick spines, awl shaped varying in color from a pale yellow to a dark reddish brown or tan. A very handsome plant. 35c



Electrode Cactus

Ferocactus melocactiformis

Native of Mexico

This is a round cactus with very high ribs and long curved spines. The prominent position of the ribs and spines give the appearance of electrodes. The bluish color is quite distinctive. This is one of the better cacti. 35c

Airplane Propeller Plant

Crassula cultrata

Dark green leaves in twisting pairs opposite each other making the propeller effect. A very interesting plant that adds to any collection.

Nice plants 15c



Trichocereus strigosus

Native of Argentina

Densely covered with short light brown spines. Branches freely from the base. A nice species, popular on account of its colored spines, of fairly quick growth and easy cultivation, but flowers sparingly.

35c

Pen Wiper Plant *Kalanchoe marmorata*

Native of Abyssinia

A very strikingly marked plant with many dark purple blotches on the leaves, thereby getting the name "Pen Wiper Plant." It likes sunshine and is a free growing plant. 25c

Lobivia aurea

Native of Argentina

Plants are globular or elongated sprouting at the base and sides. Prominent ribs are very much covered with short spines. A lovely specie, resistant, and easy to grow, requiring full sunlight. 35c



Cactus fingers

Cereus babosus

Native of Puebla, Mexico

This cactus makes a beautiful specimen for ornamental dishes. Branches freely from the base making a pretty cluster. The many spines are very flexible and are not as sharp as in many varieties. It has a real cactus look and is different than any other in our collection. We recommend it very highly.

Nice plants 35c Larger plants 50c

Bryophyllum Houghton's Hybrid

This is distinctly a California novelty as it was developed there by the crossing of *Bryophyllum tubiflorum* and *Bryophyllum diegremonianum*. It has some of the characteristics of both plants but still is different. 15c

Miniature Joshua Tree

Sedum multiceps

A different sedum said to resemble the western Joshua tree although it is not related. The flowers are yellow. A very interesting type of sedum. 25c

Toad Cactus *Stapelia variegata*

Starfish Flower

Native of South Africa

This plant has short, fleshy, many toothed stems. It should be watered sparingly. They like fresh air and plenty of sun. Very odd flowers, the leathery "petals" resemble skin and are buff colored spotted with maroon. Truly a "DIFFERENT" plant. 25c



Propeller Plant *Roche falcata*

Sickle Plant

Native of Africa

This is an outstanding succulent. First the sickle shaped leaves are very remarkable in the manner that they are placed opposite each other. When in bloom the flowers are extremely brilliant staying open for weeks. Good plants for 25c

Larger plants 50c up

For your convenience we are listing a few collections.

These will prove helpful to the beginner and will provide a start towards a larger collection. They also make very fine gifts. The plants in these collections will be all high grade stock although not necessarily of the same size. We have tried to make these **quality collections** each plant being named.

BEGINNER'S COLLECTION

No. 1

8 Cacti all different and labeled
Sent postpaid \$2.00

AMATEURS' COLLECTION

No. 3

12 named varieties Cacti all different
Sent postpaid \$3.00

No. 5

SURPRISE COLLECTION

20 Cacti including 1 Old Man, 1 other
hair type, all different all labeled
Sent postpaid \$5.00

No. 7

7 Colorful Succulents all labeled
Sent postpaid \$1.00

No. 9

25 Succulents all different all named
Sent postpaid \$3.00

No. 2

12 mixed Cacti and Succulents all
named and different
Sent postpaid \$2.00

No. 4

18 Cacti and Succulents all
different and labeled
Sent postpaid \$3.00

No. 6

30 Cacti and Succulents all different and
labeled, including Old Man, Pussy Ears,
Crown of Thorns, etc.
Sent postpaid \$5.00

No. 8

15 Interesting Succulents each one
different and labeled
Sent postpaid \$2.00

No. 10

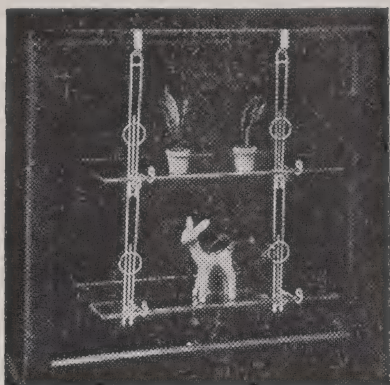
Miniature mixture, 10 Cacti and Succu-
lents, all different, all named. Miniature
sizes **without** pots. If wanted in 1" colored
pots add 25c extra
Sent postpaid \$1.00

Cacti Seed

Mixed varieties

Cacti can be grown from seed as well as other plants although some of the slower growing varieties take a long time to grow to sizable plants. For anyone who likes to try something different we recommend our own mixture. Cultural directions on each package. 25c Postpaid.

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THE MULTI-PURPOSE SHELF

Beautify the windows of your home with one or more of these attractive new shelves. This sturdy, modern shelf, beautifully finished in a glossy white baked enamel, will add the finishing touch to your window decorations. The sparkling 4" x 20" bulb-edge glass shelf can easily be removed for cleaning.

Besides being used as a window shelf it is also very practical for use as a bathroom shelf, or as a wall shelf wherever desired.

For your convenience we are stocking the above shelf. It can be used either as a double shelf or as two single shelves. Complete as illustrated with two sets of hooks \$1.50 postpaid up to the 5th postal zone, beyond 5th zone add 25c additional.

While we specialize in cacti and succulents we also raise many other house plants. Below are a few kinds listed.

Mother of Thousands or Pick-A-Back Plant 35c
(*Tolmia menziesi*)

Prayer Plant (*Marantia Kerchoveana*) 35c

Artillery Plant (*Pilea serpyllifolia*) 25c

Strawberry Begonia (*Saxifrage sarmentosa*) 25c

Arrowhead Plant (*Nephytis*) 30c

Spider Plant (*Clorophytum elatum*) 25c

Coleus in many varieties 15c

English Ivy in many varieties 15c to 50c

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Our Plants are GROWING Plants

We have received many requests for literature on the subject of Cacti and other Succulents. The two books described below are particularly fine and we recommend them highly. For the convenience of our customers we are carrying these books and are offering them for sale.

"CACTI FOR THE AMATEUR"—Haselton. Tells the beginner what cacti he can grow and furnishes complete, illustrated cultural information. Tells where to obtain plants and seed, and what literature is available. This hand-book of cacti answers the following questions: How can I grow cacti? What cacti will flower? How do I start collections? Which kinds are most desirable? Where can they be obtained? Can I grow them from seed? How can I graft cacti? Can cacti be watered? Will cacti grow in cold climates? How can I know their names? Where can I read about cacti? And hundreds of other questions. Price \$1.00 paper cover. 3c postage.

"SUCCULENTS FOR THE AMATEUR"—Brown, White, Sloane, and Reynolds. Edited by Haselton. Written for the beginner this book introduces one to more than 800 of the best succulents. Clear illustrations show 400 named kinds which include those usually found in amateur collections, 172 pages with 11 color plates of 88 succulents. Price \$1.50 paper cover. 3c postage.

Desert Plant Life Magazine Illustrated is endorsed by botanic gardens, universities, public libraries and museums, conservation leaders, garden clubs and cactus organizations. It is especially fine for any one that is interested in the type of plants described in this catalog. It is published monthly at \$1.50 per year. We will be glad to forward your subscription.

The Cactus and Succulent Journal is the Official Magazine of the Cactus and Succulent Society of America. Cost \$3.00 per year which includes membership in the Society. Trial subscription 6 months for \$1.00. We will be glad to forward your subscription.

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